Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number of the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number of the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number of the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number of the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number of the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number of the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number of the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number of the Paperwork Reduction Act of 1995, no persons are required to respond to the Paperwork Reduction Act of 1995, no persons are required to respond to the Paperwork Reduction Act of 1995, no persons are required to respond to the Paperwork Reduction Act of 1995, no persons are required to respond to the Paperwork Reduction Act of 1995, no persons are required to respond to the Paperwork Reduction Act of 1995, no persons are required to respond to the Paperwork Reduction Act of 1995, no persons are required to respond to the Paperwork Reduction Act of 1995, no persons are required to respond to the Paperwork Reduction Act of 1995, no persons are required to the Paperwork Reduction Act of 1995, no persons are required to the Paperwork Reduction Act of 1995, no persons are required to the Paperwork Reduction Act of 1								lays a valid OMB control number.			
/ UTILITY						10517/18					
PATENT APPLICATION				First In	First Inventor Masaaki Kaneko, et al.						
TRANSMITTAL				Title REACTOR UNIT							
(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))					Express Mail Label No.						
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.				Commissioner for Patents ADDRESS TO: Mail Stop Patent Application P.O. Box 1450							
	Alexandria VA 22313-1450 1. CD-ROM or CD-R in duplicate, large table or										
2. A S S S S	pplicant claims ee 37 CFR 1.21 pecification preferred arranger Descriptive title of Cross Reference Statement Regare Reference to seque	Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies									
	or a computer pro Background of the	gram listing appendix Invention	(ACCOMPANYING APPLICATIONS PARTS						
- - -	Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure				9. Assignment Papers (cover sheet & document(s)) 10. 37 C.F.R. 3.73(b) Statement Power of (when there is an assignee) Attorney						
					11. English Translation Document (if applicable)						
4. Drawing(s) (35 U.S.C.113) [Total Sheets 4] 5. Oath or Declaration [Total Sheets 2]				'l	12. ☑ Information Disclosure ☑ Copies of IDS Statement (IDS)/PTO-1449 ☐ Citations						
a. Newly executed (original or copy)				13. Preliminary Amendment							
b. Copy from a prior application (37 CFR 1.63 (d))				1	14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)						
(for a continuation/divisional with Box 18 completed)				1:	15. Certified Copy of Priority Document(s)						
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).				10	(if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.						
6. Application Data Sheet. See 37 CFR 1.76				1	17. Other: Claim for Convention Priority						
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,											
☐ Conti	or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) Of prior application No: Art Unit:										
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.											
19. CORRESPONDENCE ADDRESS											
☐ Customer Number or Bar Code Label (Insert Customer No. or Al				3838 Attach	or Correspondence address below						
Name											
Address	ddress										
City			State	\top			Zip C	Code			
Country			Telephone	+-				Fax			
Name (Print/Type) David J. Zibelli			Registration No. (Attorney/Agent) 36,394								

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Signature

Date

September 12, 2003

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	Complete if Known							
FEE TRANSMITTAL	Application Number To Be Assigned							
for FY 2003								
101 F1 2003	Filing Date			Herewith				
Effective 01/01/2003. Patent fees are subject to annual revision.	<u> </u>	First Named Inventor Masaaki Kaneko, et al.						
Applicant plains ampli antity status Con 27 OFR 4 07	Exam	Examiner Name To Be Assigned						
☐ Applicant claims small entity status. See 37 CFR 1.27	Group / Art Unit To Be Assigned							
TOTAL AMOUNT OF PAYMENT (\$) 790.00	Attorney Docket No. 10517/187							
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued) 3. ADDITIONAL FEES							
☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None								
Order Deposit Account:	Large Entity Small Entity							
·	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid		
Deposit Account 11-0600	1051	130	2051	65	Surcharge - late filing fee or oath			
Number	1052	50	2052	25	Surcharge - tate provisional filing fee or cover sheet.			
Deposit	1053	130	1053	130	Non-English specification			
Account Kenyon & Kenyon Name	1812	2,520	1812	2,520	For filing a request for reexamination			
The Commissioner is authorized to: (check all that apply)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
⊠ Charge fee(s) indicated below □ Credit any overpayments □ Charge any additional fee(s) during the pendency of this application	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action			
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1251	110	2251	55	Extension for reply within first month			
FEE CALCULATION	1252	410	2252	205	Extension for reply within second month			
1. BASIC FILING FEE	1253	930	2253	465	Extension for reply within third month			
Large Entity Small Entity	1254	1,450	2254	725	Extension for reply within fourth month			
Fee Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$) Fee Paid	1255	1,970	2255	985	Extension for reply within fifth month			
1001 750 2001 375 Utility filing fee \$750.00	1401	320	2401	160	Notice of Appeal			
1002 330 2002 165 Design filing fee	1402 1403	320 280	2402 2403	160 140	Filing a brief in support of an appeal Request for oral hearing			
1003 520 2003 260 Plant filing fee 1004 750 2004 375 Reissue filing fee	1				Petition to institute a public use			
1005 160 2005 80 Provisional filling fee	1451	1,510	1451	1,510	proceeding			
	1452 1453	110 1,300	2452 2453	55 650	Petition to revive – unavoidable			
SUBTOTAL (1) (\$) 750.00	1501	1,300	2501	650	Petition to revive – unintentional Utility issue fee (or reissue)			
2. EXTRA CLAIM FEES	1502	470	2502	235	Design issue fee			
Extra Fee from Fee Claims below Paid	1503	630	2503	315	Plant issue fee			
Total Claims 8 -20 ** = 0 X = 0	1460	130	1460	130	Petitions to the Commissioner			
Independent Ctaims 1 -3 ** = 0 X = 0	1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)			
Olams L	1806	180	1806	180	Submission of Information Disclosure Stmt			
Multiple Dependent X = 0	8021	40	8021	40	Recording each patent assignment per property (times number of	40.00		
Large Entity Small Entity Fee Fee Fee Fee Fee Code (\$) Code (\$)	1809	750	2809	375	properties) Filing a submission after final rejection (37 CFR § 1.129(a))			
1202 18 2202 9 Claims In excess of 20	1810	750	2810	375	For each additional invention to be			
1201 84 2201 42 Independent claims in excess of 3					examined (37 CFR § 1.129(b))	 		
1203 280 2203 140 Multiple dependent claim, if not paid "Reissue independent claims over	1801	750	2801	375	Request for Continued Examination (RCE)			
original patent	1802	900	1802	900	Request for expedited examination			
1205 18 2205 9 "* Reissue claims in excess of 20 and over original patent					of a design application			
	Other fee (specify)							
SUBTOTAL (2) (\$)								
**************************************	"Reduc	ed by Ba	sic Filing	ree Pa	id SUBTOTAL (3) (\$) 40.0	00		
**or number previously paid, if greater, For Reissues, see above	L							

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	David J. Zibelli	Registration No. Attorney/Agent)	36,394	Telephone	202-220-4334
Signature	Havid	2) Pallella		Date	September 12, 2003

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